ADDENDUM TO FACT SHEET
Permit No. ST-7425
J. H. Baxter & Company
Modification Date: March 24, 2005

This is an addendum to the fact sheet accompanying State Waste Discharge Permit No. 7425, which was issued to J. H. Baxter & Company on January 21, 2005. The following revision is made to clarify the footnotes in the permit.

Permit Modification

Footnote 3 on page 8, and footnote 1 on page 9, require that stormwater flow be estimated for each storm event. These footnotes are no longer applicable because stormwater from the treated and untreated wood storage areas is collected and treated prior to discharge to the infiltration gallery. The amount of treated stormwater is metered prior to storage in the effluent tank and prior to discharge to the infiltration gallery. Thus, the Department proposes to remove footnote 3, and change the type of flow to be reported from "estimated" to "metered."

Footnote 4 on page 9, which addresses the monitoring frequency and the sample collection requirements during insufficient rainfall or adverse climatic conditions are no longer accurate because the stormwater from the treated and untreated wood storage areas is collected and treated prior to discharge to the infiltration gallery. The Department proposes that this footnote be deleted and replaced with the following language: "The Permittee shall collect stormwater samples at a point following the carbon adsorption columns treatment once each 3 months."

Additional information for Fact Sheet

Stormwater Treatment System:

The stormwater treatment system was completed in November 2004, and started up in December 2004. It began operation in January 2005. The treatment system is designed for a capacity of 400 gpm, and operated in a batch mode. Stormwater on-site is gravity fed to an underground wet vault (800 gallon capacity). Water from the wet vault is pumped into an influent stormwater tank (600,000 gallon capacity). The level transmitter of the influent tank triggers the wet well pumps to be shut off when the tank is nearly full. pH adjustment is then made in the tank through the pH controller which controls the feed pumps for sulfuric acid or sodium hydroxide. The pH-adjusted water then flows by gravity to the Alum Addition Tank where aluminum sulfate is added (50 ppm). Next, the water flows by gravity to the Flocculation Tank where polymer is added, and mixed thoroughly. Following the flocculation process, the water enters the rectangular-shaped clarifier which has parallel inclined-plates designed to help settle out the solids. The clarified water exits the clarifier and flows by gravity into the Transfer Tank, prior to entering to the sand filters and then the two carbon adsorption columns. The two carbon adsorption columns are hooked up in series. The three sand filters are set up to run in parallel and on a time-based automated back wash capability. After the water leaves the carbon columns, it is discharged into the Final pH Adjustment Tank for pH adjustment

prior to discharge to the Treated Water Storage Tank (130,000-gallon capacity). The treated water stored in this Water Storage Tank is slowly released to the infiltration gallery.

Sludge Handling:

Solids generated by the treatment process are removed from the clarifier by the clarifier sludge pump, and discharged to the Sludge Thickening Tank. The water is decanted from the tank after the solids are settled. Solids collected in the Sludge Thickening Tank are further dewatered using the Filter Press. The pressed solids are tested and disposed of accordingly. All decant water is routed back to the wet well.

PUBLIC NOTICES

The proposed changes made in this permit are considered to be a minor modification under 40 CFR 122.62. Consequently, the draft permit modification is not required to be published for a 30-day public review and comment period.